

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-8 (Canceled).

9. (Currently Amended) A method for setting in a situation-dependent way a degree of security of cryptography functions which are used in at least one mobile communication terminal, ~~which~~ wherein the one mobile communication terminal communicates by at least one telecommunication network, the method comprising:

receiving a plurality of different situation-indicating parameters in the one mobile communication terminal over the telecommunication network from a secure source; and

determining security parameters in the one mobile communication terminal based on a combination of the plurality of different ~~current received~~ situation-indicating parameters, the security parameters are associated in the one ~~communications~~ mobile communication terminal with the respective situation-indicating parameters, and the security parameters include at least one of a length of cryptographic keys and a designation of cryptographic algorithms which are used by the cryptography functions and which determine a height of the degree of security of the cryptography functions.

10. (Currently Amended) The method according to claim 9, wherein at least certain of said situation-indicating parameters contain service-specific data which are transmitted in a secure way over the telecommunication network to the one mobile communication terminal by a service server from which the one mobile communication terminal obtains services.

11. (Currently Amended) The method according to claim 9, wherein at least certain of said situation-indicating parameters contain data about a permissible degree of security or permissible security parameters which are transmitted in a secure way over the telecommunication network to the one mobile communication terminal by a service server from which the one mobile communication terminal obtains services.

12. (Currently Amended) The method according claim 9, wherein ~~at least one of said communication terminals is a mobile radio device, and~~ at least one of said situation-indicating parameters contains a country code which is transmitted to the ~~mobile radio device~~ mobile communication terminal by a mobile radio network in which the ~~mobile radio device~~ mobile communication terminal is roaming.

13. (Currently Amended) The method according to claim 10, wherein at least one of said situation-indicating parameters contains data about a permissible degree of security or permissible security parameters which are transmitted in a secure way over the telecommunication network to the one mobile communication terminal by a service server from which the one mobile communication terminal obtains services.

14. (Currently Amended) The method according claim 10, wherein ~~at least one of said communication terminals is a mobile radio device, and~~ at least one of said situation-indicating parameters contains a country code which is transmitted to the one ~~mobile communication terminal radio device~~ mobile communication terminal by a mobile radio network in which the ~~mobile radio device~~ mobile communication terminal is roaming.

15. (Currently Amended) The method according claim 11, wherein ~~at least one of said communication terminals is a mobile radio device, and~~ at least one of said situation-indicating parameters contains a country code which is transmitted to the mobile ~~radio device~~ communication terminal by a mobile radio network in which the mobile ~~radio device~~ mobile communication terminal is roaming.

16. (Currently Amended) The method according claim 13, ~~wherein at least one of said communication terminals is a mobile radio device, and~~ at least one of said situation-indicating parameters contains a country code which is transmitted to the mobile ~~radio device~~ communication terminal by a mobile radio network in which the mobile ~~radio device~~ mobile communication terminal is roaming.

17. (Currently Amended) A mobile communication terminal which communicates by a telecommunication network, the mobile communication terminal comprising:

a degree-of-security-determining module ~~in order~~ configured to set in a situation-dependent way a degree of security of cryptography functions which are used in the mobile communication terminal, ~~which the~~ degree-of-security-determining module ~~receives~~ is configured to receive a plurality of different situation-indicating parameters from a secure source in a secure way over the telecommunication network and is configured to set the degree of security based on a combination of the plurality of different situation-indicating parameters,

wherein the degree-of-security-determining module includes tables or corresponding program instructions by which corresponding security parameters are associated with the plurality of ~~currently received~~ different situation-indicating parameters, ~~which the~~ security parameters include at least one of a length of cryptographic keys and a designation of

cryptographic algorithms which are used by the cryptography functions and which determine a height of the degree of security of the cryptography functions.

18. (Currently Amended) A chipcard which is removably connectible to a mobile communication terminal, ~~which~~ wherein the mobile communication terminal communicates by a telecommunication network, the chipcard comprising:

a degree-of-security-determining module ~~in order~~ configured to set in a situation-dependent way a degree of security of cryptography functions used in the mobile communication terminal, which the degree-of-security-determining module ~~receives~~ is configured to receive a plurality of different situation-indicating parameters in a secure way over the telecommunication network from a secure source and is configured to set the degree of security based on a combination of the plurality of different situation-indicating parameters,

wherein the degree-of-security-determining module includes tables or corresponding program instructions by which corresponding security parameters are associated with ~~currently the plurality of different received~~ situation-indicating parameters, ~~which the~~ security parameters include at least one of a length of cryptographic keys and a designation of cryptographic algorithms which are used by the cryptography functions and which determine a height of the degree of security of the cryptography functions.

19. (Currently Amended) A computer program product having computer program instructions which when executed by a computer cause the computer to perform the following steps:

controlling a processor in a mobile communication terminal, ~~which~~ such that the mobile communication terminal communicates over a telecommunication network, ~~such~~ and

that the mobile communication terminal sets in a situation-dependent way a degree of security of cryptography functions used in the mobile communication terminal, ~~whereby~~ wherein the mobile communication terminal receives a plurality of different situation-indicating parameters over the telecommunication network from a secure source in a secure way and sets the degree of security based on a combination of the plurality of different situation-indicating parameters,

wherein the computer program includes tables or corresponding instructions by which corresponding security parameters are associated with ~~currently~~ the plurality of different ~~received~~ situation-indicating parameters, ~~which~~ the security parameters include at least one of a length of cryptographic keys and a designation of cryptographic algorithms which are used by the cryptography functions and which determine a height of the degree of security of the cryptography functions.

20. (Currently Amended) A tangible element holding a computer program ~~having~~ comprising:

computer program code means for controlling a processor in a mobile communication terminal, ~~which~~ such that the mobile communication terminal communicates by a telecommunication network, ~~such~~ and that the processor sets in a situation-dependent way a degree of security of cryptography functions used in the mobile communication terminal, ~~whereby~~ wherein the processor receives a plurality of different situation-indicating parameters over the telecommunication network from a secure source in a secure way and sets the degree of security based on a combination of the plurality different situation-indicating parameters,

wherein the tangible element holding the computer program includes tables or corresponding program instructions by which corresponding security parameters are

associated with ~~currently~~ the plurality of different ~~received~~ situation-indicating parameters, ~~which~~ the security parameters include at least one of a length of cryptographic keys and a designation of cryptographic algorithms, which are used by the cryptography functions and which determine a height of the degree of security of the cryptography functions.

21 (New). A method for setting in a situation-dependent way a degree of security of cryptography functions which are used in at least one mobile communication terminal, wherein the one mobile communication terminal communicates by at least one telecommunication network, the method comprising:

receiving situation-indicating parameters in the one mobile communication terminal over the telecommunication network from a secure source; and

determining security parameters in one mobile communication terminal based on the received situation-indicating parameters, the security parameters are associated in the one mobile communication terminal with the respective situation-indicating parameters, and the security parameters include at least one of a length of cryptographic keys and a designation of cryptographic algorithms which are used by the cryptography functions and which determine a height of the degree of security of the cryptography functions for specific services including at least one of an e-mail service, a file-transfer service, a financial service, and a database application service.

22 (New). A mobile communication terminal which communicates by a telecommunication network, the mobile communication terminal comprising:

a degree-of-security-determining module configured to set in a situation-dependent way a degree of security of cryptography functions which are used in the mobile communication terminal, the degree-of-security-determining module is configured to receive

situation-indicating parameters from a secure source in a secure way over the telecommunication network,

wherein the degree-of-security-determining module includes tables or corresponding program instructions by which corresponding security parameters are associated with the received situation-indicating parameters, the security parameters include at least one of a length of cryptographic keys and a designation of cryptographic algorithms which are used by the cryptography functions and which determine a height of the degree of security of the cryptography functions for specific services including at least one of an e-mail service, a file-transfer service, a financial service, and a database application service.

23 (New). A chipcard which is removably connectible to a mobile communication terminal, wherein the mobile communication terminal communicates by a telecommunication network, the chipcard comprising:

a degree-of-security-determining module configured to set in a situation-dependent way a degree of security of cryptography functions used in the mobile communication terminal, the degree-of-security-determining module is configured to receive situation-indicating parameters in a secure way over the telecommunication network from a secure source,

wherein the degree-of-security-determining module includes tables or corresponding program instructions by which corresponding security parameters are associated with the received situation-indicating parameters, the security parameters include at least one of a length of cryptographic keys and a designation of cryptographic algorithms which are used by the cryptography functions and which determine a height of the degree of security of the cryptography functions for specific services including at least one of an e-mail service, a file-transfer service, a financial service, and a database application service.

24 (New). A computer program product having computer program instructions which when executed by a computer cause the computer to perform the following steps:

controlling a processor in a mobile communication terminal, such that the mobile communication terminal communicates over a telecommunication network, and the mobile communication terminal sets in a situation-dependent way a degree of security of cryptography functions used in the mobile communication terminal, wherein the mobile communication terminal receives situation-indicating parameters over the telecommunication network from a secure source in a secure way,

wherein the computer program includes tables or corresponding instructions by which corresponding security parameters are associated with the received situation-indicating parameters, the security parameters include at least one of a length of cryptographic keys and a designation of cryptographic algorithms which are used by the cryptography functions and which determine a height of the degree of security of the cryptography functions for specific services including at least one of an e-mail service, a file-transfer service, a financial service, and a database application service.

25 (New). A tangible element holding a computer program comprising:

computer program code means for controlling a processor in a mobile communication terminal, such that the mobile communication terminal communicates by a telecommunication network, and the processor sets in a situation-dependent way a degree of security of cryptography functions used in the mobile communication terminal, wherein the processor receives situation-indicating parameters over the telecommunication network from a secure source in a secure way,



wherein the tangible element holding the computer program includes tables or corresponding program instructions by which corresponding security parameters are associated with the received situation-indicating parameters, the security parameters include at least one of a length of cryptographic keys and a designation of cryptographic algorithms, which are used by the cryptography functions and which determine a height of the degree of security of the cryptography functions for specific services including at least one of an e-mail service, a file-transfer service, a financial service, and a database application service.

26 (New). A method for setting in a situation-dependent way a degree of security of cryptography functions which are used in at least one mobile communication terminal, the one mobile communication terminal communicates by at least one telecommunication network, the method comprising:

receiving situation-indicating parameters in the one mobile communication terminal over the telecommunication network from a secure source, the situation-indicating parameters including service-specific data that indicates a current type of service including at least one of an e-mail service, a file transfer service, a financial service, and a database application service; and

determining security parameters in one mobile communication terminal based on the received situation-indicating parameters, the security parameters are associated in the one mobile communication terminal with the respective situation-indicating parameters, and the security parameters include at least one of a length of cryptographic keys and a designation of cryptographic algorithms which are used by the cryptography functions and which determine a height of the degree of security of the cryptography functions.

27 (New). A mobile communication terminal which communicates by a telecommunication network, the mobile communication terminal comprising:

a degree-of-security-determining module configured to set in a situation-dependent way a degree of security of cryptography functions which are used in the mobile communication terminal, the degree-of-security-determining module is configured to receive situation-indicating parameters from a secure source in a secure way over the telecommunication network, the situation-indicating parameters including service-specific data that indicates a current type of service including at least one of an e-mail service, a file transfer service, a financial service, and a database application service,

wherein the degree-of-security-determining module includes tables or corresponding program instructions by which corresponding security parameters are associated with the received situation-indicating parameters, the security parameters include at least one of a length of cryptographic keys and a designation of cryptographic algorithms which are used by the cryptography functions and which determine a height of the degree of security of the cryptography functions.

28 (New). A chipcard which is removably connectible to a mobile communication terminal, wherein the mobile communication terminal communicates by a telecommunication network, the chipcard comprising:

a degree-of-security-determining module configured to set in a situation-dependent way a degree of security of cryptography functions used in the mobile communication terminal, the degree-of-security-determining module configured to receive situation-indicating parameters in a secure way over the telecommunication network from a secure source, the situation-indicating parameters including service-specific data that

indicates a current type of service including at least one of an e-mail service, a file transfer service, a financial service, and a database application service,

wherein the degree-of-security-determining module includes tables or corresponding program instructions by which corresponding security parameters are associated with the received situation-indicating parameters, the security parameters include at least one of a length of cryptographic keys and a designation of cryptographic algorithms which are used by the cryptography functions and which determine a height of the degree of security of the cryptography functions.

29 (New). A computer program product having computer program instructions which when executed by a computer cause the computer to perform the following steps:

controlling a processor in a mobile communication terminal, such that the mobile communication terminal communicates over a telecommunication network, and the mobile communication terminal sets in a situation-dependent way a degree of security of cryptography functions used in the mobile communication terminal, wherein the mobile communication terminal receives situation-indicating parameters over the telecommunication network from a secure source in a secure way, the situation-indicating parameters including service-specific data that indicates a current type of service including at least one of an e-mail service, a file transfer service, a financial service, and a database application service,

wherein the computer program includes tables or corresponding instructions by which corresponding security parameters are associated with the received situation-indicating parameters, the security parameters include at least one of a length of cryptographic keys and a designation of cryptographic algorithms which are used by the cryptography functions and which determine a height of the degree of security of the cryptography functions.

30 (New). A tangible element holding a computer program comprising:

computer program code means for controlling a processor in a mobile communication terminal, such that the mobile communication terminal communicates by a telecommunication network, such that the processor sets in a situation-dependent way a degree of security of cryptography functions used in the mobile communication terminal, wherein the processor receives situation-indicating parameters over the telecommunication network from a secure source in a secure way, the situation-indicating parameters including service-specific data that indicates a current type of service including at least one of an e-mail service, a file transfer service, a financial service, and a database application service,

wherein the tangible element holding the computer program includes tables or corresponding program instructions by which corresponding security parameters are associated with the received situation-indicating parameters, the security parameters include at least one of a length of cryptographic keys and a designation of cryptographic algorithms, which are used by the cryptography functions and which determine a height of the degree of security of the cryptography functions.

31 (New). A method for setting in a situation-dependent way a degree of security of cryptography functions which are used in at least one mobile communication terminal, wherein the one mobile communication terminal communicates by at least one telecommunication network, the method comprising:

receiving situation-indicating parameters in the one mobile communication terminal over the telecommunication network from a secure source, the situation-indicating parameters including a country code; and

determining security parameters in one mobile communication terminal based on the received situation-indicating parameters, the security parameters are associated in the one

mobile communication terminal with the respective situation-indicating parameters, and the security parameters include at least one of a length of cryptographic keys and a designation of cryptographic algorithms which are used by the cryptography functions and which determine a height of the degree of security of the cryptography functions.

32 (New). A mobile communication terminal which communicates by a telecommunication network, the mobile communication terminal comprising:

a degree-of-security-determining module configured to set in a situation-dependent way a degree of security of cryptography functions which are used in the mobile communication terminal, the degree-of-security-determining module is configured to receive situation-indicating parameters from a secure source in a secure way over the telecommunication network, the situation-indicating parameters including a country code,

wherein the degree-of-security-determining module includes tables or corresponding program instructions by which corresponding security parameters are associated with the received situation-indicating parameters, the security parameters include at least one of a length of cryptographic keys and a designation of cryptographic algorithms which are used by the cryptography functions and which determine a height of the degree of security of the cryptography functions.

33 (New). A chipcard which is removably connectible to a mobile communication terminal, wherein the mobile communication terminal communicates by a telecommunication network, the chipcard comprising:

a degree-of-security-determining module configured to set in a situation-dependent way a degree of security of cryptography functions used in the mobile communication terminal, the degree-of-security-determining module is configured to receive

situation-indicating parameters in a secure way over the telecommunication network from a secure source, the situation-indicating parameters including a country code,

wherein the degree-of-security-determining module includes tables or corresponding program instructions by which corresponding security parameters are associated with the received situation-indicating parameters, the security parameters include at least one of a length of cryptographic keys and a designation of cryptographic algorithms which are used by the cryptography functions and which determine a height of the degree of security of the cryptography functions.

34 (New). A computer program product having computer program instructions which when executed by a computer cause the computer to perform the following steps:

controlling a processor in a mobile communication terminal, such that the mobile communication terminal communicates over a telecommunication network, and the mobile communication terminal sets in a situation-dependent way a degree of security of cryptography functions used in the mobile communication terminal, wherein the mobile communication terminal receives situation-indicating parameters over the telecommunication network from a secure source in a secure way, the situation-indicating parameters including a country code,

wherein the computer program includes tables or corresponding instructions by which corresponding security parameters are associated with the received situation-indicating parameters, the security parameters include at least one of a length of cryptographic keys and a designation of cryptographic algorithms which are used by the cryptography functions and which determine a height of the degree of security of the cryptography functions.

35 (New). A tangible element holding a computer program comprising:

computer program code means for controlling a processor in a mobile communication terminal, such that the mobile communication terminal communicates by a telecommunication network, and the processor sets in a situation-dependent way a degree of security of cryptography functions used in the mobile communication terminal, wherein the processor receives situation-indicating parameters over the telecommunication network from a secure source in a secure way, the situation-indicating parameters including a country code,

wherein the tangible element holding the computer program includes tables or corresponding program instructions by which corresponding security parameters are associated with the received situation-indicating parameters, the security parameters include at least one of a length of cryptographic keys and a designation of cryptographic algorithms, which are used by the cryptography functions and which determine a height of the degree of security of the cryptography functions.